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PROFESSOR YU. S. CHECHET:

## 30 YEARS OF SCIENTIFIC AND PEDAGOGICAL ACTIVITY

Professors G. N. Petrov, V. V. Meshkov;  
Docent F. A. Goryainov, N. S. Kurbatova;  
Engineer-Colonels K. V. Zimnitskiy, D. V. Spitsyn.

Yuriy Sergeyevich Chechet was born in Kiev on the 1st of February 1894. He received his intermediate education in the Gymnasium, which he finished in 1913. In 1919, having passed the full course of Kiev Polytechnic Institute, he received the title of Engineer, and began his scientific and pedagogic activity teaching in the Chair of Hydraulic Machinery at Odessa Polytechnic Institute. In 1921, he took a teaching position in the Moscow Applied Electrical Engineering Institute.

In connection with his special interest in the field of electric machine building, he then entered the Electrical Engineering Faculty of Moscow Higher Technical School. He finished there in July, 1923, and relinquished the post of assistant in the electrical machinery course. At that time, he became an assistant, and in 1928, Docent of the Chair of Electrical Machinery of the Institute of National Economy imeni Plekhanov, and scientific collaborator of the State Experimental Electrical Engineering Institute (GEEI).

In 1930, after the Electrical Engineering Faculty of Moscow Higher Technical School and the Electrical Industry Faculty of the Institute of National Economy imeni Plekhanov, merged to form the Moscow Power Engineering Institute, Chechet continued to work in the new institute in the capacity of Docent of the Chair of Electrical Machinery. In the same year, he was appointed to the Chair of Electrical Machinery in the reorganized Moscow Institute of Mechanization and Electrification of Agriculture.

In 1937, Chechet was confirmed in the academic title of Professor and, without defending a dissertation, in the degree of Candidate of Technical Sciences.

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In 1940, having successfully defended a dissertation, "Theoretical Principles in Designing Universal Micromotors," he received the degree of Doctor of Technical Sciences. In 1942, he returned to the MEI (Moscow Power Engineering Institute imeni Molotov), in which he has continued to work as professor of the Chair of Electrical Machinery to the present day.

From 1934 to 1937 and from 1944 to the present, Professor Chechet also has been in charge of a chair and directs scientific research work in the Military-Engineering Red Banner Academy imeni Kuybyshev.

Along with his pedagogical activity, he has done practical engineering work as follows: in 1919, in the Odessa "Gubtop"; in 1921, in the position of chief of the Technical Division of Glavkustprom; from 1925 to 1935, in the Administration of the Moscow District Electrical Engineers; and then in the "Mosstroykonsul'tatsiya." During this last period, he participated in a great deal of work on rationalization of electric motor utilization at a number of large industrial enterprises of Moscow and Moscow Oblast.

Professor Chechet's scientific research activity for many years, has been concentrated on problems of the theory, design, and production of micromotors, i.e., fractional horsepower motors under 500 watts. He has carried out a considerable amount of expert work in this field as a member of the Electric Machine-Building Section of the Technical Council of the Ministry of the Electrical Industry, and as a plant consultant.

Since 1938, he has been a member of the Expert Electrical Engineering Commission of the MVO (Ministry of Higher Education), and since 1948, a member of the MVO Methods Commission on Electric Machines.

From 1924 to 1949, he published 28 scientific works. Four of his books, published in the period 1925 - 1928 (Transformer Design, DC Machines, Induction Motors, and Synchronous Motors), were widely used as textbooks in electrical engineering educational institutions of the USSR. Between 1928 and 1931, second editions of these books were published. Professor Chechet also has done translations from foreign languages, and has edited a number of fundamental books on the theory of electric machines, tensor analysis, theory of oscillating currents, etc. Over a period of many years, he contributed to Elektrichestvo, as author and reviewer.

From 1931 to 1934, Chechet was deputy of the Moscow Soviet, and was also active in trade-union organizations and the All-Union NITOE (Scientific and Technical Society of Power Engineers). He is vice-chairman of the Electrical Machinery Section of the Moscow NITOE.

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